

DATA SHEET	GP1610	GP 1825	GP 2030 TWIN	GP 2426 TWIN
WORKING AREA	1600x1000 mm	1800x2500 mm	2000x3000 mm	2400x2600 mm
WORKING PLAN HEIGHT	950 mm	950 mm	950 mm	950 mm
MACHINE DIM. (WxDxH)	1850x2200x1550 mm	2900x3200x1550 mm	3000x3700x1550 mm	3400x3500x1550 mm
WEIGHT				
SPEED	1 - 1700 mm/sec	1 - 1700 mm/sec	1 - 1700 mm/sec	1 - 1700 mm/sec
ELECTRICAL CONNECTION	220/400 V - 50/60 Hz	220/400 V - 50/60 Hz	220/400 V - 50/60 Hz	220/400 V - 50/60 Hz

GP Series

Intelligent automatic
gluing plotter
with integrated CAD-CAM system

- Technical data here reported are subject to change without notice
- On request, plotter with different working area can be manufactured

Other series of **Angeleri** machines available

Unmatched
Ease of use
Speed of execution



GP/S series 2 axis gluing plotter for water based adhesive spray



GP 1610



GSV series 3/5 axis gluing machines with vision system



GTP 8060
Smart solution for small format
dimension 800x600



Officina Meccanica Angeleri Srl
Sede legale
Via Ruffini, 15/3 - 27029 - Vigevano (PV) - Italy
Sede operativa
Via vecchia per Gambolò, 22 - 27029 - Vigevano (PV) - Italy
Tel. +39.0381.71519 - Fax +39.0381.72742
C.F. / P.I. 01163890187 - www.angeleri.it



GP Series automatic gluing plotter, ease and speed at work

We developed **intelligent** machines for automatic linear glue deposition, that will allow you to:

- ▼ **Significantly increase the productivity**, compared to manual operation, thanks to working and rapid positioning speed (100 m/min)
- ▼ **Achieve superior and consistent quality in glue deposition**, together with absolute repeatability and accuracy of trajectories
- ▼ **Optimize the number of workers needed** for gluing and assembly operations. While the machine deposits the adhesive, the worker can assembly in "hidden" time the part already glued

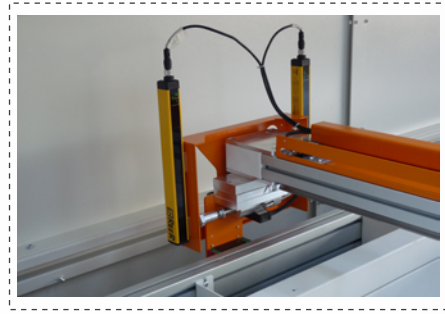
- ▼ **Utilize the plotter also for small batch of production**, thanks to the ease and speed of machine setting for a new operation
- ▼ **Start production since day 1st**, thanks to the ease, flexibility and speed of use of the proprietary CAD-CAM system installed on machine board, that allow an immediate utilization also to inexperienced operators
- ▼ **Count on a reliable Partner** that assist you choosing the right application and configuration before the purchase and guarantee a fast and qualified after-sale technical service



Glue deposition

The tool head can install up to 3 different nozzles, for the following type of glue deposition :

- Hot Melt line
- Hot Melt spray
- Vinylic line



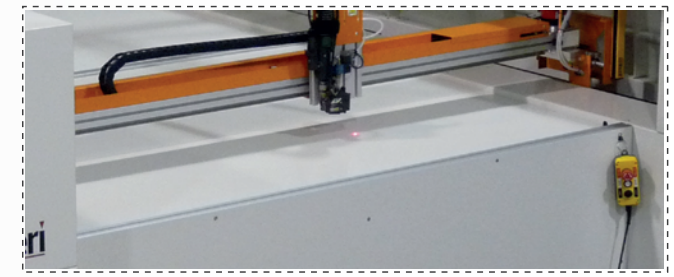
Worker safety

GP series plotter are equipped with double photoelectric safety barriers type 2, to guarantee the necessary protection during working operations



Operator console

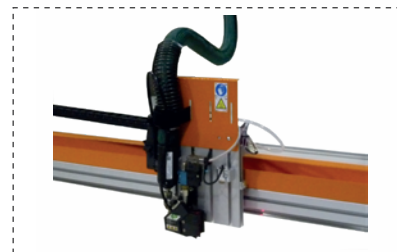
The CAD-CAM program is installed on a PC on machine board, positioned on an ergonomic adjustable support, for a comfortable management of the production process



Fix working plan and vertical feeding system

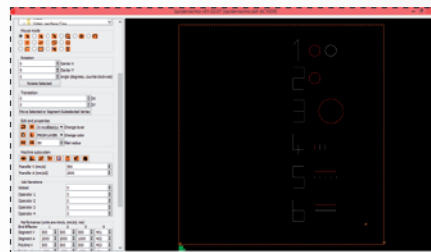
GP series plotter are configured in their standard version with a fix working plan, while one or two vertical feeding systems can be installed as an option, to load from the top layers of material to be glued (for over 600 mm in height), that automatically rise and position at the required working height at the end of each single operation

GP Series plotter guarantee **unmatched programming and machine setting flexibility**, thanks to the proprietary CAD-CAM system installed on machine board



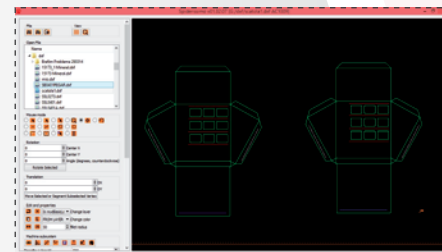
Trajectories input on machine board

Using the manual axis movement buttons, the operator move the plotter along the desired deposition path, which is instantly highlighted on the working plan by a laser sensor, and save it



Trajectories design on the monitor

By means of an intuitive user graphic interface, the operator can easily draw on the PC monitor, lines, polylines, circles and arcs that compose the gluing trajectory



DXF file import

It is possible to import gluing trajectories already drawn remotely on the design of parts to be glued, using the standard exchange format DXF

- It is possible to assign different colors to imported or generated gluing trajectories, according to the type of adhesive to be used for different segments (eg. red color for Hot Melt line nozzle, white color for Vinylic line nozzle, etc.)

- Gluing paths can easily be modified at any time, directly on machine board

- The operator can add or delete segments or change the execution sequence, as well as define specific waiting times

GP Series plotter can be configured to operate **from 1 to 4 independent working stations**, equipped with automatic parts counter and operator's presence

